## FIGURE 1

,	gagactetetetetetetetetetetetetetetetetetete	62
63	ttctgagcatttgtagcaaaatcgctgggatctggagaggaagactcagtccagaatcct	122
123	cccagggccttgaaagtccatctctgacccaaaacaatccaaggaggtagaagacatcgt	182
183	agaaggagtgaaagaagaagacttagaaacatagctcaaagtgaacactgcttct	242
243	cttagtttcctggatttcttctggacatttcctcaagatgaaacttcagacactttggag	302
303	M G S ttttttttgaagaccaccataaagaaagtgcatttcaattgaaaaatttggatgga	362
363	K M N L I E H S H L P T T D E F S F S E aaaatgaatctcattgaacattcccatttacctaccacagatgaattttctttttctgaa	422
423	N L F G V L T E Q V A G P L G Q N L E V aatttatttggtgttttaacagaacaagtggcaggtcctctgggacagaacctggaagtg	482
483	E P Y S Q Y S N V Q F P Q V Q P Q I S S gaaccatactcgcaatacagcaatgttcagtttccccaagttcaaccacagatttcctcg	542
543	S S Y Y S N L G F Y P Q Q P E E W Y S P tcatcctattattccaacctgggtttctacccccagcagcctgaagagtggtactctcct	602
603	G I Y E L R R M P A E T L Y Q G E T E V ggaatatatgaactcaggcgtatgccagctgagactctctaccagggagaaactgaggta	662
663	A E M P V T K K P R M G A S A G R I K G gcagagatgcctgtaacaaagaagccccgcatgggcgcgtcagcagggaggatcaaaaggg	722
723	D E L C V V C G D R A S G Y H Y N A L T gatgagctgtgttgtttgtggagacagagcctctggataccactataatgcactgacc	782
783	C E G C K G F F R R S I T K N A V Y K C tgtgaggggtgtaaaggtttcttcaggagaagcattaccaaaaacgctgtgtacaagtgt	842
843	K N G G N C V M D M Y M R R K C Q E C R aaaaacgggggcaactgtgtgatggatatgtacatgcgaagaaagtgtcaagagtgtcga	902
903	L R K C K E M G M L A E C L L T E I Q C ctaaggaaatgcaaagagatgggaatgttggctgaatgcttgttaactgaaattcagtgt	962
963	K S K R L R K N V K Q H A D Q T V N E D aaatctaagcgactgagaaaaatgtgaagcagcatgcagatcagaccgtgaatgaa	1022
1023	S E G R D L R Q V T S T T K S C R E K T agtgaaggtcgtgacttgcgacaagtgacctcgacaacaaagtcatgcagggagaaaact	1082
1083	E L T P D Q Q T L L H F I M D S Y N K Q gaactcaccccagatcaacagactcttctacattttattatggattcatataacaaaca	1142
1143	R M P Q E I T N K I L K E E F S A E E N aggatgcctcaggaaataacaaataaaattttaaaagaagaattcagtgcagaagaaaat	1202

## FIGURE 1 cont.

F L I L T E M A T N H V Q V L V E F T K	
tttctcattttgacggaaatggcaaccaatcatgtacaggttcttgtagaattcacaaaa	1262
K L P G F Q T L D H E D Q I A L L K G S	
	1322
	1382
	1302
	1442
cctatgtttagttttataaaagtattggggaactgaaaatgactcaagaggagtatgct	1502
LLTAIVILSPDRQYIKDREA	
ctgcttacagcaattgttatcctgtctccagatagacaatacataaaggatagaggca	1562
V E K L Q E P L L D V L Q K L C K I H Q	
gtagagaagcttcaggagccacttcttgatgtgctacaaaagttgtgtaagattcaccag	1622
PENPQHFACLLGRLTELRTF	
	1682
	1742
	1/42
cttctctgtgaaatctgggacgtgcagtgatggggattacaggggaggggtctagctcct	1802
	1862
·	
	1922
aatattgggctagatagaacaactttctctacattgtgttttaaaaggctccagggaatc	1982
ctgcattctaattggcaagccctgtttgcctaattaaattgattg	2042
ctgttgaactagggaaaatctcattttgctcatcttaccatattgcatatattttattaa	2102
agagttgtattcaatcttggcaataaagcaaacataatggcaacagaaaaaaaa	2162
aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa	3
SEQ ID NO:2145	
	K L P G F Q T L D H E D Q I A L L K G S aagctaccaggatttcagactttggaccatgaagaccagattgctttgctgaaagggtct A V E A M F L R S A E I F N K K L P S G gcggttgaagctatgttccttcgttcagctgagattttcaataagaaacttccgtctggg H S D L L E E R I R N S G I S D E Y I T cattctgacctattggaagaagaagaattggaattggaatattaaaca P M F S F Y K S I G E L K M T Q E E Y A cctatgtttagttttataaaagtattgggaactgaaatggtatcctagagagag